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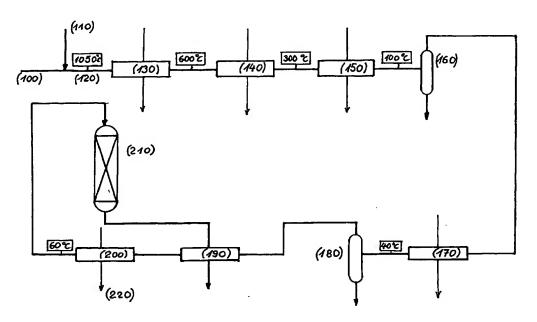
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(54) Title: PROCESS FOR THE SELECTIVE REMOVAL OF SULPHUR COMPOUNDS FROM SYNTHESIS GAS



(57) Abstract: A process for the selective removal of sulphur compounds from synthesis gas being rich in carbon monoxide and containing hydrogen, carbon dioxide and steam comprising contacting the synthesis gas at a maximum contact temperature of 100° C with an absorbent comprising Cu/ZnO compounds and being prepared by thermal decomposition of a corresponding carbonate and activation of the thermal decomposed carbonate with a reducing gas.